



Transportation of Dangerous Goods Directorate
Tower C, Place de Ville
330 Sparks Street
Ottawa, Ontario
K1A 0N5

Direction générale du transport des marchandises dangereuses
Tour C, Place de Ville
330, rue Sparks
Ottawa (Ontario)
K1A 0N5



Equivalency Certificate (Approval issued by the competent authority of Canada)

Certificate Number: SH 12836 (Ren. 1)

Certificate Holder: Canadian Association of Petroleum Producers (CAPP)

Mode of Transport: Road

Effective Date: March 8, 2019

Expiry Date: December 31, 2020

LEGEND

For the purposes of this equivalency certificate, documents referred to by an abbreviation have the following meaning:

TDG Regulations: *Transportation of Dangerous Goods Regulations*

CSA B620: *CSA Standard B620, "Highway tanks and TC portable tanks for the transportation of dangerous goods", published by the Canadian Standards Association (CSA), as amended from time to time*

CSA B621: *CSA Standard B621, "Selection and use of highway tanks, TC portable tanks, and other large containers for the transportation of dangerous goods, Classes 3, 4, 5, 6.1, 8, and 9", published by the Canadian Standards Association (CSA), as amended from time to time*

CONDITIONS

This equivalency certificate authorizes the members of the Canadian Association of Petroleum Producers (CAPP), to handle, offer for transport or transport and authorizes any person to handle or transport on behalf of the members of the Canadian Association of Petroleum Producers (CAPP), by road vehicle, dangerous goods that are:

- UN3494, PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC, Class 3(6.1), Packing Group I,

in a manner that does not comply with:

- section 5.14(1)(a)(ii) of the *TDG Regulations*, but only as it relates to Clause 8.3, Clause 8.4, and Specific Requirements 1, 18 and 19 of *CSA B621-14*,

if the following conditions are met:

- (a) The highway tank is selected and used in accordance with Specific Requirement 2 of *CSA B621-14*;
- (b) The highway tank is durably and legibly marked with “**SH 12836**” in characters that are not less than 32 mm (1-1/4 in.) high. The marking shall be placed next to the test or inspection marking required by Clause 7.4 of *CSA B620-14*;
- (c) Instead of marking the highway tank with “**SH 12836**” in accordance with condition (b) of this equivalency certificate, anyone authorized to use this equivalency certificate ensures that:
 - (i) A paper or electronic copy of this equivalency certificate accompanies the dangerous goods during transport and must be provided to an inspector or a peace officer immediately upon request, and
 - (ii) The shipping document that accompanies the dangerous goods contains the following information legibly and indelibly printed:
 - (A) “Equivalency Certificate **SH 12836**”, or
 - (B) “Certificat d’équivalence **SH 12836**”; and

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- (d) In addition to the requirements of Part 6 (Training) of the *TDG Regulations*, the certificate holder ensures that the personnel handling, offering for transport or transporting the dangerous goods are trained in regards to the conditions of this equivalency certificate.

Note 1: Subsection 31(4) of the *TDG Act* stipulates that any non-compliance with the conditions of this equivalency certificate causes the provisions of the Act and Regulations to apply as though this equivalency certificate did not exist.

Note 2: Any other requirement of the *TDG Regulations* applies.

Signature of Issuing Authority



David Lamarche, P. Eng., ing.
Chief, Approvals and Special Regulatory Projects

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(The following Explanatory Note is for information purposes only and is not part of this certificate.)

Explanatory Note

This Equivalency Certificate authorizes the transport of UN3494, PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC, Class 3(6.1) Packing Group I, in highway tanks that do not comply with the Specific Requirements 1, 18 and 19 of CSA B621-14. These specific requirements highway tanks with either a TC 407, TC 412 or TC 331 specification and:

- Have minimum MAWP of 276 kPa, gauge (40 psi),
- Are not equipped with bottom outlets, and
- Are insulated.

In June 2016, the CSA B620 Technical Committee reviewed and accepted changes to the selection and use requirements for UN3494. In the next edition of CSA B621, the transport of UN3494 will be permitted in TC 407, TC 412 or TC 331 highway tanks with an MAWP greater than or equal to 172 kPa (25 psi). Also, the highway tanks will be allowed to have bottom outlets and not required to be insulated. Essentially, UN3494 will refer to Specific Requirement 2 instead of Specific Requirements 1, 18 and 19 of CSA B621-14. The next edition of CSA B621 is expected to be published in 2020.

The equivalency certificate allows the use a TC 407, TC 412 or TC 331 highway tank, with a MAWP greater than or equal to 172 kPa (25 psi) to transport UN3494.

Legend for Certificate Number

SH - Road, SR - Rail, SA - Air, SM - Marine
SU - More than one Mode of Transport
Ren - Renewal